

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	45	(cross near shape\$1) near via	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:00
L2	458	(cross near shape\$1) near (via or hole)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:33
L3	1	(cross near shape\$1) near (via or hole) near conduct\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:28
L5	0	(cross near shape\$1) near (via or hole) near (conduct\$3 near layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:28
L6	2	(cross near shape\$1) near (via or hole) with (conduct\$3 near layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:28
L7	268	2 and @ad<"20000428"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:33
L8	3373	(conductive near layers) with (separat\$3) with ((dielectric or insulat\$3) near layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:30
L9	0	7 and 8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:30
L10	41077	(conductive near layers) with ((dielectric or insulat\$3) near layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:30
L11	59452	7 an d10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:30
L12	2	7 and 10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:30
L13	46942	(fill\$3) near (via or hole)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:31
L14	2	7 and 13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:31
L15	295	(cross adj shape\$1) near (via or hole)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:33
L16	163	15 and @ad<"20000428"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:33

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S55	451	cross near shape\$1 near (via or hole)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:47
S56	0	(cross near shape\$1 near (via or hole)) near (conduct\$1 near (layer or film))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:48
S57	0	(cross near shape\$1 near (via or hole)) near (conduct\$3 near (layer or film))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:48
S58	2	(cross near shape\$1 near (via or hole)) with (conduct\$3 near (layer or film))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:49
S59	196	(cross adj shape\$1 adj (via or hole))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:52
S60	0	(cross adj shape\$1 adj (via or hole)) near conductive	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:49
S61	0	(cross adj shape\$1 adj (via or hole)) with (conductive near layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:50
S62	2153	(conductive near layer) with separat\$3 with (dielectric)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:00
S63	2	S59 and S62	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:50
S64	180	(cross adj shaped adj (via or hole))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:47
S65	0	(cross adj shaped adj (via or hole)) same (conductive near layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:00
S66	22	form\$3 near (cross adj shaped adj (via or hole))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 05:53
S67	7	("4600971"   "4611262"   "5446626"   "5541687"   "5659803"   "5752119"   "5784658").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 05:56
S68	1	(cross adj shaped adj (via or hole)) same ((conductive or metal\$3) near layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:00
S69	5445	(conductive near layers) with (separat\$3 or between) with (dielectric near (layer or material))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:01

## EAST Search History

S70	561	(conductive near layers) near (separat\$3 or between) near (dielectric near (layer or material))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:01
S71	14	((conductive near layers) near (separat\$3 or between) near (dielectric near (layer or material)))) with (form\$3 near (via or hole))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:01
S72	1	(US-6404081-\$).did.	USPAT	OR	ON	2007/03/01 06:29
S73	1	S72 and ground\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:29
S74	7	(cross adj shaped adj (via or hole)) with ground\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/01 06:47
S75	134	(cross near shape) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:44
S76	5	(cross near shape) near (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:43
S77	45	(cross near shape\$1) near via	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:37
S78	21275	conductive with (separat\$3) with (dielectric or insulat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:29
S79	130	conductive near (separat\$3) near (dielectric or insulat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:37
S80	0	S77 and S79	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:37
S81	3	S77 and S78	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:37
S82	13	("4761699"   "5001583"   "5657186"   "5838519"   "5877919"   "5883758"   "5986853"   "5991121"   "5995328"   "6052258"   "6154343"   "6163443"   "6442828").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/07 08:38
S83	6	S82 and cross	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/07 08:38
S84	0	(pin near via) near (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:39

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S85	29	(pin near via) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:39
S86	0	(cross near shape near (via or hole)) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:41
S87	9	(cross near shape) with (via or hole) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:41
S88	18	(shape near (via or hole)) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:42
S89	86	S75 and @ad<"20000428"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 09:29
S90	2	(cross adj shape) near (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:43
S91	9	(cross adj shape\$1) near (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:44
S92	668	(cross near shape\$1) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:44
S93	0	((cross near shape\$1) near (via or hole)) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:45
S94	45	(cross near (via or hole)) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:45
S95	10	(cross adj (via or hole)) with (suspension or (load near beam))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/07 08:45